

ATTY. DOCKET N<sup>o</sup>: 5717YA**COMBINED DECLARATION AND POWER OF ATTORNEY  
IN A CONTINUATION-IN-PART PATENT APPLICATION**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I believe that I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**BATTERY PACK HAVING MEMORY**

described and claimed in the specification as filed on March 30, 1995 as U.S. Serial N<sup>o</sup> 08/415,075.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

**CLAIM FOR BENEFIT OF EARLIER U.S.****APPLICATIONS UNDER 35 U.S.C. 120**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications that are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in those prior applications in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose information that is material as defined Title 37, Code of Federal Regulations, § 1.56(a), which occurred between the filing date of the prior applications and the filing date of this application.

The present application is a continuation-in-part of U.S. application Serial No. 08/134,881 (Attorney Docket No. 35717Y) filed October 12, 1993, which is a continuation of U.S. application Serial No. 07/769,337 (Attorney Docket No. 35717AAX) filed October 1, 1991 (now U.S. Pat. No. 5,278,487 issued January 11, 1994), which is a continuation of U.S. application Serial No. 07/544,230 (Attorney Docket No. 5717AA) filed June 26, 1990 (now

abandoned), which is a division of U.S. application Serial No. 07/422,226 (Attorney Docket No. 5717A) filed October 16, 1989 (now U.S. Pat. No. 4,961,043 issued October 2, 1990), which is a division of U.S. application Serial No. 07/168,352 (Attorney Docket No. 5717Y) filed March 15, 1988 (now U.S. Pat. No. 4,885,523 issued December 5, 1989).

Said application U.S. application Serial No. 07/168,352 is in turn a continuation-in-part of U.S. application Serial No. 06/944,503 (Attorney Docket No. 5717X) filed December 18, 1986 (now U.S. Pat. No. 4,737,702 issued April 12, 1988), which is a continuation-in-part of U.S. application Serial No. 06/876,194 (Attorney Docket No. 5717) filed June 19, 1986 (now U.S. Pat. No. 4,709,202 issued November 24, 1987), which is division of U.S. application Serial No. 06/797,235 (Attorney Docket No. 5768) filed November 12, 1985 (now U.S. Pat. No. 4,716,354 issued December 29, 1987), which is a continuation-in-part of U.S. application Serial No. 06/612,588 (Attorney Docket No. 6165) filed May 21, 1984 (now U.S. Pat. No. 4,553,081 issued November 12, 1985), which is a continuation-in-part of U.S. application Serial No. 06/385,830 (Attorney Docket No. 6164) filed June 7, 1982 (now U.S. Pat. No. 4,455,523 issued June 19, 1984).

I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business with the Patent and Trademark Office connected therewith:

William M. Wesley	Reg. N <sup>o</sup> 26,521
Herbert D. Hart, III	Reg. N <sup>o</sup> 30,063
Robert W. Fieseler	Reg. N <sup>o</sup> 31,826
George P. McAndrews	Reg. N <sup>o</sup> 22,760
John J. Held	Reg. N <sup>o</sup> 21,061
Timothy J. Malloy	Reg. N <sup>o</sup> 25,600
J. Michael Jarvis	Reg. N <sup>o</sup> 27,341
Robert C. Ryan	Reg. N <sup>o</sup> 29,343
Gregory J. Vogler	Reg. N <sup>o</sup> 31,313
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Steven J. Hampton	Reg. N <sup>o</sup> 33,707
Alejandro Menchaco	Reg. N <sup>o</sup> 34,389
Priscilla F. Gallagher	Reg. N <sup>o</sup> 32,223
Robert B. Polit	Reg. N <sup>o</sup> 33,993
George F. Wheeler	Reg. N <sup>o</sup> 28,766
D. David Hill	Reg. N <sup>o</sup> 35,543
Christopher C. Winslade	Reg. N <sup>o</sup> 36,308

Thomas J. Wimbiscus  
John S. Artz  
Gregory C. Schodde  
Edward A. Mas  
Patrick J. Arnold  
Kirk A. Vander Leest

Reg. N° 36,059  
Reg. N° 36,431  
Reg. N° 36,668  
Reg. N° 37,179  
Reg. N° 37,769  
Reg. N° 34,036

of MCANDREWS, HELD & MALLOY, LTD., Suite 3400, 500 West Madison Street, Chicago, Illinois 60661.  
Telephone (312) 707-8889; and

Sean Patrick Suiter  
of Omaha, Nebraska; and

Reg. N° 34,260

Van Metre Lund  
of North Brook, Illinois; and

Reg. N° 16,968

R. Lewis Gable  
of Washington, D.C.; and

Reg. N° 22,479

H. Robert Henderson  
Michael O. Sturm  
Richard L. Fix  
Curtis A. Bell  
of Des Moines, Iowa; and

Reg. N° 18,486  
Reg. N° 26,078  
Reg. N° 28,297  
Reg. N° 36,742

John E. Cepican  
of Davenport, Iowa; and

Reg. N° 26,851

William H. Wright  
Martin G. Mullen  
of Washington, DC; and

Reg. N° 26,424  
Reg. N° 28,574

John H. Sherman  
Donald R. Schoonover  
Winifrid O.E. Schellin  
of Cedar Rapids, Iowa.

Reg. N° 16,909  
Reg. N° 34,924  
Reg. N° 25,916

Direct all telephone calls to:

**SEAN PATRICK SUITER**  
402 334 0300 (telephone)  
402 334 0377 (telecopier)

Address all correspondence to:

McAndrews, Held & Malloy  
Northwestern Atrium Center  
500 West Madison, 34th Floor  
Chicago, IL 60661

I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: June 1, 1995

Steven E. Koenck

FULL NAME OF INVENTOR:

STEVEN E. KOENCK, a Citizen of U.S.A.  
964 44th Street, SE  
Cedar Rapids IA 52403  
Linn County

COPIES OF THIS DOCUMENT ARE AVAILABLE FROM THE PATENT AND TRADEMARK OFFICE

CONTINUATION-IN-PART DECLARATION  
AND POWER OF ATTORNEY

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name;

That I verily believe that I am an original and sole first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"FAST BATTERY CHARGING SYSTEM AND METHOD"

described and claimed in the specification attached herewith or as filed on February 18, 1992 as U.S. Serial No. 07/837,650.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S. APPLICATIONS UNDER 35USC120

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in those prior applications in the manner provided by

the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior applications and the filing date of this application:

PRIOR U.S. APPLICATIONS FOR WHICH  
BENEFIT IS CLAIMED UNDER 35USC120

<u>U. S. APPLICATIONS</u>	<u>U.S. FILING DATE</u>	<u>STATUS</u>
(1) Ser. 385,830	June 7, 1982	Now U.S. Patent No. 4,455,523
(2) Ser. 612,588	May 21, 1984	Now U.S. Patent No. 4,553,081
(3) Ser. 797,235	Nov. 12, 1985	Now U.S. Patent No. 4,716,354
(4) Ser. 876, 194	June 19, 1986	Now U.S. Patent No. 4,709,202
(5) Ser. 944,503	Dec. 18, 1986	Now U.S. Patent No. 4,737,702
(6) Ser. 168,352	March 15, 1988	Now U.S. Patent No. 4,885,523
(7) Ser. 07/266,537	Nov. 2, 1988	Abandoned
(8) Ser. 07/422,226	Oct. 16, 1989	Now U.S. Patent No. 4,961,043
(9) Ser. 07/446,231	Dec. 5, 1989	Abandoned
(10) Ser. 07/478,180	Feb. 9, 1990	Pending
(11) Ser. 07/544,230	June 26, 1990	Abandoned
(12) Ser. 07/769,337	Oct. 1, 1991	Pending

I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

- William M. Wesley	Reg. No. 26,521
Herbert D. Hart, III	Reg. No. 30,063
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Robert B. Polit	Reg. No. 33,993
George F. Wheeler	Reg. No. 28,766
D. David Hill	Reg. No. 35,543
(Of McAndrews, Held & Malloy, Ltd., Northwestern Atrium Center, 500 West Madison Street, Chicago, Illinois 60661 Telephone 312/707-8889)	
VanMetre Lund	Reg. No. 16,968
(Of Northbrook, Illinois)	
R. Lewis Gable	Reg. No. 22,479
(Of 2001 Jefferson Davis Highway, Arlington, VA 22202)	
John H. Sherman	Reg. No. 16,909
Winfred O.E. Schellin,	Reg. No. 25,916
(Of Cedar Rapids, Iowa)	
Sean Patrick Suiter (Of Omaha, NE)	Reg. No. 34,260
H. Robert Henderson (Of Des Moines, IA)	Reg. No. 18,486
Michael O. Sturm (Of Des Moines, IA)	Reg. No. 26,078
John E. Cepican (Of Davenport, IA)	Reg. No. 26,851
Richard L. Fix (Of Des Moines, IA)	Reg. No. 28,297
William H. Wright (Of Washington, D.C.)	Reg. No. 26,424
Harold M. Knoth (Of Davenport, IA)	Reg. No. 14,469

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Mr. Jack Sherman at Telephone No. 319/369-3661.

Address all correspondence to:  
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Northwestern Atrium Center  
500 West Madison Street - 34th Floor  
Chicago, IL 60661

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date April 16, 1992

Steven E. Koenck  
Steven E. Koenck

Full Name of Sole Inventor: STEVEN E. KOENCK

Residence: Cedar Rapids Linn Iowa  
City County State

Post Office Address: 964 44th Street SE  
Cedar Rapids, Iowa 52403

Citizenship: United States of America



COMBINED DECLARATION AND POWER OF  
ATTORNEY IN CONTINUATION-IN-PART PATENT APPLICATION

As below named inventor, I Ronald D. Becker hereby  
declare that:

My residence, post office address and citizenship are  
stated below next to my name;

That I verily believe that I am an original and joint  
first inventor together with Phillip Miller and Steven E.  
Koenck of the subject matter which is claimed and for which  
a patent is sought on the invention entitled:

"FAST BATTERY CHARGER"

described and claimed in the specification attached herewith  
or as filed on March 23, 1992, as U.S. Serial No.  
07/859,591.

I hereby state that I have reviewed and understand the  
contents of the above-identified specification, including  
the claims.

I acknowledge the duty to disclose information which  
is material to the examination of this application in  
accordance with Title 37, Code of Federal Regulations,  
Section 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S.  
APPLICATION UNDER 35 U.S.C. § 120

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States applications that are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in those prior applications in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior applications and the filing date of this application:

Earlier U.S. Application for Which  
Benefit Is Claimed Under 35 U.S.C. § 120

<u>U.S. APPLICATIONS</u>	<u>U.S. FILING DATE</u>	
(1) Ser. 385,830	June 7, 1982	Now U.S. Patent No. 4,455,523
(2) Ser. 612,588	May 21, 1984	Now U.S. Patent No. 4,553,081
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(6) Ser. 168,352	March 15, 1988	Now U.S. Patent No. 4,885,523
(7) Ser. 266,537	Nov. 2, 1988	Abandoned
(8) Ser. 446,231	Dec. 5, 1989	Pending
(9) Ser. 478,180	Feb. 9, 1990	Pending

(10) Ser. 422,226 Oct. 16, 1989

Now U.S. Patent  
No. 4,961,043

I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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D. David Hill	Reg. No. 35,543
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(Of 2001 Jefferson Davis Highway, Arlington, VA 22202)

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500 West Madison Street - 34th Floor  
Chicago, IL 60661

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date 6/1/92

Ronald D. Becker  
Ronald D. Becker

Full Name of Joint Inventor: Ronald D. Becker

Residence: Des Moines Polk Iowa  
City County State

Post Office Address: 1214 - 31st Street #5J  
Des Moines, Iowa 50311

Citizenship: United States of America

COMBINED DECLARATION AND POWER OF  
ATTORNEY IN CONTINUATION-IN-PART PATENT APPLICATION

As below named inventor, I Phillip Miller hereby  
declare that:

My residence, post office address and citizenship are  
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That I verily believe that I am an original and joint  
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Becker of the subject matter which is claimed and for which  
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<u>U.S. APPLICATIONS</u>	<u>U.S. FILING DATE</u>	
(1) Ser. 385,830	June 7, 1982	Now U.S. Patent No. 4,455,523
(2) Ser. 612,588	May 21, 1984	Now U.S. Patent No. 4,553,081
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(9) Ser. 478,180	Feb. 9, 1990	Pending

(10) Ser. 422,226 Oct. 16, 1989

Now U.S. Patent  
No. 4,961,043

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Date May 19, 1992 Phillip Miller  
Phillip Miller

Full Name of Joint Inventor: Phillip Miller

Residence: Cedar Rapids Linn Iowa  
City County State

Post Office Address: 4114 Sunshine Street SW  
Cedar Rapids, Iowa 52404

Citizenship: United States of America



COMBINED DECLARATION AND POWER OF  
ATTORNEY IN CONTINUATION-IN-PART PATENT APPLICATION

As below named inventor, I Steven E. Koenck hereby  
declare that:

My residence, post office address and citizenship are  
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That I verily believe that I am an original and joint  
first inventor together with Phillip Miller and Ronald D.  
Becker of the subject matter which is claimed and for which  
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(3) Ser. 797,235	Nov. 12, 1985	Now U.S. Patent No. 4,716,354
(4) Ser. 876,194	June 19, 1986	Now U.S. Patent No. 4,709,202
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(10) Ser. 422,226 Oct. 16, 1989

Now U.S. Patent  
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(Of Cedar Rapids, Iowa)	
Sean Patrick Suiter (Of Omaha, NE)	Reg. No. 34,260
H. Robert Henderson (Of Des Moines, IA)	Reg. No. 18,486
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date May 18, 1992

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